THIN, LIGHT AND ABSOLUTELY STUNNING

Celebrate your sense of style with the portable and powerful VAIO® CR notebook. Spectacularly designed with fun and unique eye-catching features and impressive attention-to-detail, this thin-and-light fashion statement is an astonishing sight to behold. Available in an array of breathtaking color combinations and packed with cool design details, cutting-edge technology and entertainment extras, the VAIO CR notebook will accessorize and energize your life with power, portability and pizzazz.

PORTABLE ENTERTAINMENT PARADISE

Enjoying entertainment on a notebook has never been easier or more fun. Simply select the "AV mode" button just above the keyboard and your VAIO® CR notebook will jump to entertainment mode without booting up the operating system. A complete set of multimedia controls make content navigation a breeze while a built-in 1.3 megapixel digital web camera lets you quickly snap photos and participate in live video chats[5] . Complete with a great set of speakers, a stunning 14.1" widescreen display[2] with XBRITE-ECO™ LCD technology and a CD/DVD player/burner[4] , the VAIO CR notebook is a portable, easy way to enjoy your digital entertainment.

A/V MODE

Imagine having the ability to enjoy your entertainment on your notebook without ever booting up. The VAIO® CR notebook with instant AV Mode lets you kick off your entertainment with a single push of a button. Go straight to watching a movie, playing music, or viewing photos without ever booting-up the operating system. Convenient, built-in multimedia control buttons also let you play, pause, rewind, fast-forward, stop, eject and control volume, all with one-touch ease.

INTEL'S BEST TECHNOLOGY FOR NOTEBOOKS

Get the ultimate mobile experience with unparalleled processing speeds, longer battery life[6] and enhanced wireless connectivity[3] . The VAIO® CR notebook features Intel® Centrino® Duo processor technology, Intel's latest and best notebook technology to date. Powered by an Intel® Core™ 2 Duo processor and an 800 MHz Front Side Bus, this state-of-the-art technology provides screaming-fast performance and the mobility, power and flexibility you need for high-speed[5] , wireless computing on-the-go[3] . With Intel® Centrino® Duo processor technology, you've got the dual-core performance to enjoy a rich multimedia entertainment experience.

INTEL® NEXT-GEN WIRELESS-N TECHNOLOGY

Introducing the next great advancement in wireless technology, Intel® Next-Gen Wireless-N. With built-in Wireless-N technology[3] , the VAIO® CR notebook lets you wirelessly surf the web and e-mail with greater performance, range and reliability than ever before. Wireless-N offers a massive boost in speed and considerably more range than 802.11 a/b/g connections. Connect to hot spots with ease and experience the incredible difference of Wireless-N. You can even wirelessly stream video throughout your home or office with blazing-fast speed5. Intel® Next-Gen Wireless-N is backwards compatible with existing 802.11 b/g networks, so there is no need for any additional hardware or cables, it's all built-in.

Step out and be seen with the with the portable, powerful and colorful VAIO® CR notebook, a 14.1"[2] notebook with XBRITE-ECO™ LCD technology. This thin-and-light mobile masterpiece features an array of entertainment and design extras, including a built-in web cam, AV controls, powerful, cutting-edge technologies and a comfortable, easy-to-clean keyboard.

Windows Vista Home Premium

intel Centrino Duo Core 2 Duo inside

dlna CERTIFIED

XBRITE-ECO™

Click to DVD

SONY

VGN-CR190E/B

VAIO® CR Series Notebook PC

Specifications

General

Computer Type: Notebook

Type of Use: Portable

Action Buttons: Play/Pause, Stop, FF, and Rewind, AV Mode, Mute, Volume-+, Capture and Display off

Pointing Device: Electro-Static touch pad

Security: Biometric Fingerprint Sensor (only availble with Black model)

Hardware

Keyboard: QWERTY, 82 keys with 2mm stroke and 19.05mm pitch

Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T7100

Speed: 1.8GHz[8]

Front Side Bus Speed: 800MHz

L2 Cache: 2MB

Technology: Intel® Centrino® Duo Processor Technology

Memory

Type: DDR2

Installed: 2GB PC2-5300 (1GB x 2)

Maximum: 4GB[10]

Speed: 667MHz

Hard Drive

Capacity: 160GB[9]

Speed: 5400rpm

Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max

DVD+R Write: 8x max

DVD+RW Write: 8x max

DVD-R Write: 8x max

DVD-RW Write: 6x max

CD-R Write: 24x max

CD-RW Write: 16x max

DVD±RW: Yes[4] (DVD±R DL/DVD±RW/DVD-RAM)

CD Read: 24x max

DVD Read: 8x max

DVD-RAM Write: 5x max

DVD-R DL Write: 4x max

DVD-RAM Read: 5x max

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media with MagicGate® functionality
One ExpressCard™ /34 Slot
One Secure Digital Media (SD)

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen Size: 14.1"[2]

Resolution: 1280 x 800

Technology: WXGA LCD

Graphics

Processor: Mobile Intel® Graphics Media Accelerator X3100

Video RAM: 358MB[11] (Total Available Graphics Memory)

Interface: VGA and S-Video Out with Smart Display Sensor

Inputs and Outputs

Ethernet Port: 1

Headphone Jack: 1

Modem Jack: 1

Microphone Input: 1

S-Video Output(s): 1

USB Port(s): 3 (2.0 compliant)

VGA Output(s): 1

DC-In: 1

Express Card™ Slot: 1 type /34

i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[7]

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)

Ethernet Speed: 10Base-T/100Base-TX

Modem Type: Integrated V92/V.90 Modem (RJ-11)

Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)

Power

Battery Type: VGP-BPS9/S

Estimated Battery Life: 2.0 to 3.5 hours[6] Standard Capacity Battery
3.0 to 6.0 hours[6] Large Capacity Battery

Power Requirements: 86W + 10%

Software

Operating System: Windows Vista™ Home Premium

Internet Services: AOL® 90-Day Risk Free Trial - New Users Only

Supplied Software: Microsoft® Works 8.5, 60-Day Trial Version of Microsoft® Office 2007[13]

Sony® Original Software: Click to DVD® - DVD Creation, LocationFree® Player *Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Security and Anti-Virus Software: Norton® Internet Security™ 2007 60-Day trial with spyware protection

Service and Warranty Information

Limited Warranty: 1 Year Limited Warranty[12] See actual warranty for details.

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]

Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 5.49[1]

Measurements: 13.2"(W) x 1.25-1.67"(H) x 9.8"(D)[1]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS9A/S)

AC Adapter (VGP-AC19V25)

Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL9)

Standard Lithium-ion battery (VGP-BPS9A/S)

Stick AC Adapter (VGP-AC19V21)

USB Mobile Mouse in Red, Blue, Light Pink, Black and Silver (VGP-UMS20 Series)

USB Portable Speaker (VGP-USP1)

100GB Portable Hard Drive with Wireless Keys (VGP-UHDM10/B)

Slip Case with VAIO Smart Protection™ in all colors (VGP-CKC2 Series)

Neoprene Notebook and AC Adapter Case (VGP-AMC5)

Notebook Backpack (VGP-CCP3/H)

Color: Black

UPC Code: 027242718180

1. Non-metric weights and measures are approximate and may vary.
2. Viewable area measured diagonally.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. DVD media/formats are not universally compatible.
5. Broadband internet service required along with third party services which may require a subscription or other service fee.
6. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
9. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
10. A portion of the system memory over 3GB may not be available to the operating system.
11. Total Available Graphics Memory refers to the new Windows Vista™ classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.
12. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
14. The Microsoft Office 2007 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice.

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Printed 05/07

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).